

10/004867

CJC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re U.S. Patent No. 6,849,634

)

Serial No. 10/004,867

)

Inventor(s): Serge BEAUDOIN et al

)

Filed: December 7, 2001

)

Issue Date: February 1, 2005

)

Attorney Docket No. 004208.00034

For: POTASSIUM CHANNEL INHIBITORS

**REQUEST FOR CERTIFICATE OF CORRECTION**

U.S. Patent and Trademark Office  
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Certificate  
OCT 19 2005  
of Correction

Sir:

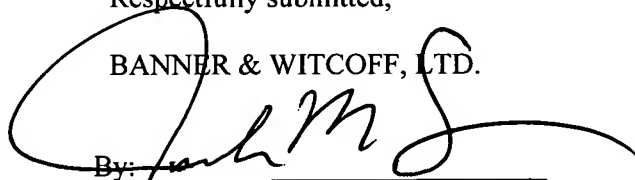
Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this is a request for the issuance of a Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended. The complete Certificate of Correction involves one page.

The mistakes identified in the appended Form occurred through no fault of the Applicants, as clearly disclosed by the records of the application, which matured into this patent. Enclosed for your convenience is the relevant portion of the Information Disclosure Statement examined and initialed by the Examiner on November 17, 2003 and enclosed with the Office Action of November 19, 2003.

Issuance of the Certificate of Correction containing the corrections is respectfully requested. Since these changes are necessitated through no fault of the Applicants, no fee is believed to be associated with this request. Nonetheless, should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

By: 

Dated: October 12, 2005

1001 G Street, N.W. (11th Fl.)  
Washington, D.C. 20001  
(202) 824-3000

Joseph M. Skerpon  
Registration No. 29,864

OCT 21 2005

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,849,634  
DATED: February 1, 2005  
INVENTOR(S): Serge BEAUDOIN *et al*

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Page 2 of the Cover Page, References Cited section (56), Other Publications:

Please remove:

"International Search Report dated Jul. 7, 2002.

Gisbert Schneider, et al. "*Virtual Screening For Bioactive Molecules by Evolutionary De Novo Desing*", *Angewandte Chemie, International Edition* (200), 39(22), 4130-4133"

Please insert:

--Doupnik, et al., "*The Inward Rectifier Potassium Channel Family*," *Current Opinion in Neurobiology*, 1995, 5:268-277.

Chandy, et al., "*Voltage-Gated Potassium Channel Genes*," *Handbook of Receptors and Channels*, 1-71 (1995).

Epps et al., "*Chemistry and Physics of Lipids*, 69 (1994) pp. 137-150.

WO 95-18617 Abstract

Chem. Abs., Vol. 104, No. 9 Abs, No. 68632 (03/03/86).

International Search Report PCT/US97/12559.

Dialog Web Output, Derwent World Patents Index, Records for: pn=EP 915087.

International Search Report PCT/US 00/34765.--

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FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 6,849,634

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

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DATED: February 1, 2005  
INVENTOR(S): Serge BEAUDOIN *et al*

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FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 6,849,634

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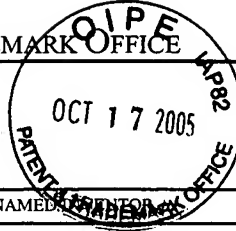
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OCT 21 2005

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,867	12/07/2001	Serge Beaudoin	004208.00034	9077

22907 7590 11/19/2003

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WASHINGTON, DC 20001

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NOV 21 2003

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EXAMINER

TRUONG, TAMTHOM NGO

ART UNIT

PAPER NUMBER

1624

DATE MAILED 11/19/2003

9

Please find below and/or attached an Office communication concerning this application or proceeding.

004208.00034  
DOCKETED \$

NOV 21 2003

Amend due: 2.19.04  
Last day: 5.19.04

OCT 21 2005



## Office Action Summary

Application No.

10/004,867

Applicant(s)

BEAUDOIN ET AL.

Examiner

Tamthom N. Truong

Art Unit

1624

Period for Reply

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-9, 11, 13, and 14 is/are rejected.
- 7) ☒ Claim(s) 4, 10, 12, and 15-21 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
by *Pauline Amador*  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

4

of

4

**Complete if Known**

Application Number	10/004,867
Filing Date	December 7, 2001
First Named Inventor	Serge Beaudoin, et al.
Group Art Unit	1614
Examiner Name	TBA
Attorney Docket Number	4208.00034

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TNT	16. ✓	Leonard, et al., "Selective Blockers of Voltage-Gated K <sup>+</sup> Channels Depolarize Human T Lymphocytes: Mechanism of the Antiproliferative Effect of Charybdotoxin", Vol. 89, 10094-10098, Nov. 1992.	
	17. ✓	Doupnik, et al., "The Inward Rectifier Potassium Channel Family," Current Opinion in Neurobiology, 1995, 5:268-277.	
	18. ✓	Chandy, et al., "Voltage-Gated Potassium Channel Genes," Handbook of Receptors and Channels, 1-71 (1995).	
	19. ✓	Epps et al., "Chemistry and Physics of Lipids, 69 (1994) pp. 137-150.	
	20. ✓	WO 95-18617 Abstract	
	21. ✓	Chem. Abs., Vol. 104, No. 9 Abs, No. 68632 (03/03/86).	
	22. ✓	International Search Report PCT/US97/12559.	
	23. ✓	Dialog Web Output, Derwent World Patents Index, Records for: pn=EP 915087.	
TNT	24. ✓	International Search Report PCT/US 00/34765.	
not available	25.	International Search Report dated July 2002	
	26.	Gisbert Schepfer, et al. "Virtual Screening for Bioactive Molecules by Evolutionary De Novo Design", Angewandte Chemie, International Edition (200), 39(22), 4130-4133, (2000).	

Examiner  
SignatureDate  
Considered

11/17/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

OCT 21 2005